

Appl. No. 10/660, 500
Amdt. dated December 13, 2004
Reply to Office action of August 13, 2004

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AMENDMENTS TO THE CLAIMS

1-8. (cancelled)

9. (new) A video telephone integrating public-switch telephone network (PSTN) and asymmetric digital subscriber line (ADSL), comprising:

- a telephone operating within the PSTN, wherein the telephone has basic analog audio transmission lines, a handset for receiving and sending audio, and a dialing assembly;

- an ADSL module unit connected with the transmission lines, and for connecting to an internet through the transmission lines after being commanded; and

- an image access and display unit connected with the ADSL module unit, and having an image sensor and a display device; wherein the image sensor generates video signals to be transmitted by the ADSL module unit, and the display device displays video signals received by the ADSL module unit; and

- a control module unit connected with the transmission lines for communicating analog audio transmissions over the PSTN, and connected to the ADSL module unit, wherein in response to initiation or answering of a call of a another video telephone; the control module unit sends a signal to the ADSL module unit to command the ADSL module unit to connect to the internet and obtain an identifying address, the control module unit transmits

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the obtained identifying address to the other video telephone and receives an identifying address of the other video telephone, and the ADSL module unit uses the identifying address of the other video telephone to transmit video signals to the other video telephone through the internet.

10. (new) The video telephone of claim 9, wherein the identifying address is an Internet (IP) protocol address or a port address.
11. (new) The video telephone of claim 9, wherein the control module unit is capable of maintaining the internet connection of the ADSL module unit independent of the state of communication of analog audio transmissions.
12. (new) The video telephone of claim 9, wherein the display device is a liquid crystal display (LCD).
13. (new) The video telephone of claim 9, wherein the image sensor is a digital image sensor comprising a charge coupled device (CCD) or a complementary metal oxide semiconductor (CMOS) device.

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